

known world. There are over 40 chapters, half of which are devoted to specific naval and land battles. Other chapters cover such topics as tactics, troop discipline, political considerations and strategy.

To glean the most from this fine translation it is necessary to have a basic understanding of the period. Since there is no connection between chapters, the book presents an obvious choppy progression.

The author used original Greek and Latin sources as well as all major works available in 1920. After each chapter there is an *excursus* usually on source material or variations in interpretation. Each chapter also has its footnotes, both explanatory and bibliographical. There are too few maps (six) for the amount of material covered but there is an index which allows this work to serve as a reference book as well as enjoyable reading for the student of military history.

I would recommend this study as a basic volume for students of the ancient period — especially those who are interested in the development of the war.

*Dr. L.L. Sims, Department of Tactics, USACGSC.*

**FROM CROSSBOW TO H-BOMB**, by Bernard and Fawn M. Brodie, Indiana University Press, Bloomington, IN, 1973, 308 pages, \$8.50.

This volume presents the contribution, influence and application of science on the evolution of military weaponry and strategy from the time of Archimedes through the Vietnam era.

Obviously a rather monumental undertaking within the space of 300 pages, depth and detail suffer at the expense of historical trends and scope. The serious history scholar, his appetite whetted for amplification, will be keenly disappointed.

On the other hand, the book as a whole is a commendable effort when viewed as a general survey of the total scientific contribution to warfare. Well written, it serves as an excellent introduction to the history of weapons for the reader who lacks the time needed for serious study.

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## Commanders Update

Brigadier General Charles F. Gorden  
III Corps Artillery

Brigadier General Alfred J. Cade  
V Corps Artillery

Brigadier General James M. Wroth  
VII Corps Artillery

Brigadier General Robert B. Hankins  
56th Field Artillery Brigade

COL Robert C. Forman  
1st Armored Division Artillery

COL Thomas H. Spence  
1st Cavalry Division Artillery

COL Isaac D. Smith  
1st Infantry Division Artillery

COL Walter C. Phillips  
2d Armored Division Artillery

COL Harold M. Davis  
2d Infantry Division Artillery

COL Edward A. Dinges  
3d Armored Division Artillery

COL William L. Hauser  
3d Infantry Division Artillery

COL John H. Richards Jr.  
4th Infantry Division Artillery

COL Isaac R. Jones  
5th Infantry Division Artillery

COL Robert Hammond  
7th Infantry Division Artillery

COL William W. Berry  
8th Infantry Division Artillery

COL Charles D. Franklin  
9th Infantry Division Artillery

COL Nolan Sigler  
XVIII Airborne Corps Artillery

COL Ben Walton  
24th Infantry Division Artillery

COL William Schneider  
25th Infantry Division Artillery

COL Carl E. Vuono  
82d Airborne Division Artillery

COL Warren A. Samouce  
101st Airborne Division Artillery

COL Niles Fulwyler  
9th FA Missile Group

COL Charles Hoenstine  
41st Field Artillery Group

COL Dwight Wilson  
42d Field Artillery Group

COL Frederick Schleusing  
72d Field Artillery Group

COL Vincent E. Falter  
75th Field Artillery Group

COL Redmond Forrester  
210th Field Artillery Group

COL David Blackledge  
212th Field Artillery Group

COL Boris Pogoloff  
214th Field Artillery Group

COL James Holley  
4th Missile Command

COL Bernard Quedens  
USAFATC  
Fort Sill

COL Clarence W. Hannon  
558th Artillery Group

COL Robert M. Balzhiser  
528th Artillery Support Group

COL Clarence L. Stearns  
5th Special Forces Group

COL Charles W. Bagnal  
101st Aviation Group

LTC Francis J. Burke  
2d Battalion, 1st Field Artillery

LTC Richard Sundt  
1st Battalion, 2d Field Artillery

LTC Robert W. Cook  
2d Battalion, 2d Field Artillery

LTC Marc A. Cisneros  
1st Battalion, 3d Field Artillery

LTC Rhoss Lomax  
2d Battalion, 3d Field Artillery

LTC John L. Gardella  
2d Battalion, 4th Field Artillery

LTC Raymond Burrell  
4th Battalion, 4th Field Artillery

LTC Bruce A. Martin  
1st Battalion, 5th Field Artillery

LTC Robert A. Cooper  
2d Battalion, 5th Field Artillery

LTC James B. Lincoln  
1st Battalion, 6th Field Artillery

LTC Jamo C. Powell  
2d Battalion, 6th Field Artillery

LTC Roscoe Swann  
3d Battalion, 6th Field Artillery

LTC James W. Doukas  
1st Battalion, 7th Field Artillery

LTC John A. Seitz  
1st Battalion, 8th Field Artillery

LTC William Breen  
2d Battalion, 8th Field Artillery

LTC Robert W. Salley  
3d Battalion, 9th Field Artillery

LTC T. R. Gordon  
6th Battalion, 9th Field Artillery

LTC Albert Spaulding  
1st Battalion, 10th Field Artillery

LTC Paul Makowski  
2d Battalion, 10th Field Artillery

LTC Allan Irwin  
6th Battalion, 10th Field Artillery

LTC David J. Lynch  
1st Battalion, 11th Field Artillery

LTC J. H. Binford Peay III  
2d Battalion, 11th Field Artillery

LTC John E. Hayes  
1st Battalion, 12th Field Artillery

LTC Roderick Carmichael  
1st Battalion, 13th Field Artillery

LTC Robert Clewell  
3d Battalion, 13th Field Artillery

LTC Robert D. Chelberg  
1st Battalion, 14th Field Artillery

LTC Charles C. Mitchell  
6th Battalion, 14th Field Artillery

LTC William A. Warnock  
1st Battalion, 15th Field Artillery

LTC Alan R. Borstorff  
1st Battalion, 16th Field Artillery

LTC Gordon E. Saul  
3d Battalion, 16th Field Artillery

LTC Richard D. Beltson  
1st Battalion, 17th Field Artillery

LTC Harold Briggs  
2d Battalion, 17th Field Artillery

LTC Darel S. Johnson  
3d Battalion, 17th Field Artillery

LTC Gilbert W. Crowl  
1st Battalion, 18th Field Artillery

LTC Arthur Johnson  
2d Battalion, 18th Field Artillery

LTC David L. Dunham  
3d Battalion, 18th Field Artillery

LTC Hardy L. Griffen  
1st Battalion, 19th Field Artillery

LTC Frederick McConville  
2d Battalion, 19th Field Artillery

LTC Edward Stein  
2d Battalion, 20th Field Artillery

LTC Andrew J. McVeigh  
1st Battalion, 21st Field Artillery

LTC Richard Roundsville  
2d Battalion, 21st Field Artillery

LTC Noel Gregg  
1st Battalion, 22d Field Artillery

LTC Paul T. Wickliffe  
1st Battalion, 25th Field Artillery

LTC Paul A. McGowan  
1st Battalion, 27th Field Artillery

LTC Colonel B. Jones  
2d Battalion, 27th Field Artillery

LTC Frank Westmoreland  
2d Battalion, 28th Field Artillery

LTC Darryl R. Hawn  
1st Battalion, 29th Field Artillery

LTC Charles L. Williams III  
1st Battalion, 30th Field Artillery

LTC Phillip T. Yamaguchi  
1st Battalion, 31st Field Artillery

LTC Henry L. Harrison  
1st Battalion, 32d Field Artillery

LTC James W. Rice  
2d Battalion, 33d Field Artillery

LTC Harold Baumeister  
6th Battalion, 33d Field Artillery

LTC John C. Tompson  
2d Battalion, 34th Field Artillery

LTC Frank Partlow  
3d Battalion, 34th Field Artillery

LTC Larry D. Struck  
1st Battalion, 35th Field Artillery

LTC William Howerton  
3d Battalion, 35th Field Artillery

LTC Edward T. Stokke  
1st Battalion, 36th Field Artillery

LTC John Kraus  
1st Battalion, 37th Field Artillery

LTC Richard M. Bronson  
2d Battalion, 37th Field Artillery

LTC Joseph Nagel  
3d Battalion, 37th Field Artillery

LTC Richard O. Roemer  
6th Battalion, 37th Field Artillery

LTC William Muhlenfield  
1st Battalion, 38th Field Artillery

LTC Frank E. Hines  
1st Battalion, 39th Field Artillery

LTC James V. Slagle  
2d Battalion, 39th Field Artillery

LTC John J. Welker  
1st Battalion, 40th Field Artillery

LTC Stanley S. King  
1st Battalion, 41st Field Artillery

LTC Randal A. Perkins  
2d Battalion, 41st Field Artillery

LTC Lamar A. Stroud  
1st Battalion, 42d Field Artillery

LTC John K. Solomon  
2d Battalion, 42d Field Artillery

LTC Donald T. Christensen  
1st Battalion, 73d Field Artillery

LTC Edward J. Bunn  
1st Battalion, 75th Field Artillery

LTC William L. Hughes  
2d Battalion, 75th Field Artillery

LTC Michael Mosbrooker  
1st Battalion, 76th Field Artillery

LTC Bob Fairweather  
1st Battalion, 77th Field Artillery

LTC J. T. H. Denney  
4-77th Aerial Field Artillery Battalion

LTC August M. Cianciolo  
1st Battalion, 78th Field Artillery

LTC Michael McAdams  
2d Battalion, 78th Field Artillery

LTC Kevin J. O'Neil  
1st Battalion, 79th Field Artillery

LTC Wilson A. Shoffner  
3d Battalion, 79th Field Artillery

LTC Courtney Prisk  
1st Battalion, 80th Field Artillery

LTC Bruce Holmberg  
6th Battalion, 80th Field Artillery

LTC Stanley Zagalak  
1st Battalion, 81st Field Artillery

LTC Robert N. Morrison  
2d Battalion, 81st Field Artillery

LTC Michael Gilmartin  
3d Battalion, 81st Field Artillery

LTC Donald Hammel  
1st Battalion, 82d Field Artillery

LTC Wilburt L. Jenkins  
1st Battalion, 83d Field Artillery

LTC William T. Zaldo  
2d Battalion, 83d Field Artillery

LTC John Shalikashvili  
1st Battalion, 84th Field Artillery

LTC Stephen E. Rash  
3d Battalion, 84th Field Artillery

LTC Phillip Spears  
1st Battalion, 92d Field Artillery

LTC Lee C. Smith  
2d Battalion, 92d Field Artillery

LTC Ralph A. Udick  
1st Battalion, 94th Field Artillery

LTC J. E. Walsh  
1st Battalion, 319th Field Artillery

LTC George H. Thompson  
3d Battalion, 319th Field Artillery

LTC John J. Madigan  
1st Battalion, 320th Field Artillery

LTC Albert E. Wolfgang  
2d Battalion, 320th Field Artillery

LTC Hugh Socks  
1st Battalion, 321st Field Artillery

LTC R. Gingras  
2d Battalion, 321st Field Artillery

LTC Cassius Mullen  
1st Battalion, 333d Field Artillery

LTC Thomas Wing  
2d Battalion, 377th Field Artillery

LTC Leon Cloud  
512th Group

LTC John Farley  
557th Group

LTC Jose A. Riovo  
1st Training Battalion  
Fort Sill

LTC Roland Holmstrom  
2d Training Battalion  
Fort Sill

LTC Frederic Stubbs  
3d Training Battalion  
Fort Sill

LTC James Bolin  
4th Training Battalion  
Fort Sill

LTC Richard Skowronek  
5th Training Battalion  
Fort Sill

LTC Ronald Baldwin  
Training Command  
Fort Sill

LTC Frank J. Klein Jr.  
Specialist Training Battalion  
Fort Sill

LTC Lyman A. Lackey Jr.  
Staff and Faculty Battalion  
Fort Sill

LTC Gerald D. Gross  
Officer Student Battalion  
Fort Sill

LTC Eugene Lynch  
4th Battalion, 1st Training Brigade  
Fort Dix

LTC William Fraase  
3d Battalion, 2d Training Brigade  
Fort Leonard Wood

LTC Ollie Langford  
6th Battalion, 2d Training Brigade  
Fort Dix

LTC Richard K. Pfabe  
4th Battalion, 2d Training Brigade  
Fort Leonard Wood

LTC Dudley L. Tademy  
2d Battalion, 3d Training Brigade  
Fort Dix

LTC Milton Newberry  
2d Battalion, 3d Training Brigade  
Fort Leonard Wood

LTC Frederick B. White  
4th Battalion, 3d Training Brigade  
Fort Leonard Wood

LTC William E. Trent  
2d Battalion, 4th Training Brigade  
Ford Ord

LTC Raymond Cole  
5th Battalion, 4th Training Brigade  
Fort Leonard Wood

LTC Ted Gray  
11th Aviation Battalion

LTC Billy W. Fugitt  
14th Aviation Battalion

LTC Jerry W. Childers  
25th Aviation Battalion

LTC Ellis D. Parker  
82d Aviation Battalion

LTC William L. Longarzo  
223d Aviation Battalion